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33688US  
Serial No. 09/255,213

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Joel L. Martin

Serial No.: 09/255,213

Group Art Unit: 1755

Filed: February 22, 1999

Examiner: J. Pasterczyk

For: CATALYST PROCESS FOR POLYMERIZING OLEFINS

**AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action of July 5, 2000, please amend the  
above-identified application as follows:

**IN THE CLAIMS**

Claim 1, line 2, after "metallocene" insert IVE N121 of a group IVB, VB,  
and VIB metal ---.

Claim 6, line 4, delete "tetrabutylphenyl" and insert therefor  
--- tert-butylphenyl ---.

Please add the following new claims.

19. A catalyst system according to claim 1 wherein the metal of  
the metallocene is selected from titanium, zirconium, and hafnium.

20. A catalyst system according to claim 19 wherein the  
metallocene has two cyclic dienyl groups pi-bonded to the metal.

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